

FORM PTO-1449 (REV. 6-89)		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office		Attorney's Docket No. 21153-04920	Serial No. 10/014,679
INFORMATION DISCLOSURE CITATION				Applicant Jeffrey D. Walker et al.	
(Use several sheets if necessary)				Filing Date December 11, 2001	Group Art Unit 3662

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
QMAJ	A	3,467,906	09/16/69	Cornely et al.	330	4.3	
	B	3,828,231	08/06/74	Yamamoto	357	30	
	C	4,794,346	12/27/88	Miller	330	4.3	
	D	5,436,759	7/25/95	Dijaili et al.	359	333	
	E	5,949,807	09/07/1999	Fujimoto et al.	372	45	
	F	5,960,024	09/28/1999	Li et al.	372	96	
	G	6,044,100	03/28/2000	Hobson et al.	372	46	
QMAJ	H	6,115,517	09-05-00	Shiragaki et al.	385	24	

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		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
QMAJ	I	JP 01129483	11/14/87	Japan	H01S	3/18		No
I	J	JP 10190147	07/21/98	Japan	H01S	3/18		No
QMAJ	K	JP 56006492	01/23/81	Japan	H01S	3/18		No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

QMAJ	L	Alcatel, "Alcatel Optronics introduces a Gain-Clamped Semiconductor Optical Amplifier," <i>Press Release for Immediate Publication</i> , OFC '98, San Jose (Feb. 1998), 1 unnumbered page.					
	M	Bauer, B. et al., "Gain Stabilization of a Semiconductor Optical Amplifier by Distributed Feedback," <i>IEEE Photonics Technology Letters</i> , Vol. 6, No. 2 (Feb. 1994), pages 182-185.					
	N	Dorgeuille, F., et al., "1.28 Tbit/s Throughput 8x8 Optical Switch Based on Arrays of Gain-Clamped Semiconductor Optical Amplifier Gates," <i>Optical Fiber Communication Conference</i> , Vol. 4, Pages 221-223, March 2000.					
	O	Dorgeuille, F., et al., H., "Fast Optical Amplifier Gate Array for WDM Routing and Switching Applications," <i>OFC '98 Technical Digest</i> , Pages 42-44, 1998.					
	P	Doussiere, P. et al., "Clamped Gain Travelling Wave Semiconductor Optical Amplifier for Wavelength Division Multiplexing Applications," <i>Maui, Hawaii, Sept. 19-23, 1994, New York, IEEE, US, Vol. Conf. 14 (9/14/94), pages 185-186.</i>					
QMAJ	Q	Evankow, Jr., J.D., et al., "Photonic Switching Modules Designed with Laser Diode Amplifiers," <i>IEEE, Journal on Selected Areas in Communications</i> , Vol. 6, No. 7, Pages 1087-1095, August 1988.					

EXAMINER	Mark Hellner	DATE CONSIDERED	9-9-2003
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Applicant
Jeffrey D. Walker et al.

Filing Date
December 11, 2001

Group Art Unit
3662

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate

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GROUP 3600

FOREIGN PATENT DOCUMENTS

Document Number	Date	Country	Class	Subclass	Translation
					Yes No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

WAD	DD	Tiemeijer, L.F. et al., "High-Gain 1310 nm Semiconductor Optical Amplifier Modules with a Built-in Amplified Signal Monitor for Optical Gain Control," <i>IEEE Photonics Technology Letters</i> , Vol. 9, No. 3 (March 1997), pages 309-311.
	EE	Tiemeijer, L.F. et al., "Reduced Intermodulation Distortion in 1300 nm Gain-Clamped MQW Laser Amplifiers," <i>IEEE Photonics Technology Letters</i> , Vol. 7, No. 3 (March 1995), pages 284-286.
	FF	Toptchiyski, G., et al., "Time-Domain Modeling of Semiconductor Optical Amplifiers for OTDM Applications," <i>IEEE Journal of Lightwave Technology</i> , Vol. 17, No. 12, Pages 2577-2583, December 1999.
	GG	van Roijen, R., et al., "Over 15 dB Gain from a Monolithically Integrated Optical Switch with an Amplifier," <i>IEEE Photonics Technology Letters</i> , Vol. 5, No. 5, Pages 529-531, May 1993.
WAD	HH	Walker, J.D. et al., "A Gain-Clamped, Crosstalk Free, Vertical Cavity Lasing Semiconductor Optical Amplifier for WDM Applications," summaries of the papers presented at the topical meeting, Integrated Photonics Search; 1996 Technical Digest Series; Proceedings of Integrated Photonics; Boston, MA, USA, 29.04-02.05 1996, Vol. 6, 1996, pages 474-477.

EXAMINER Mark Bellner DATE CONSIDERED 9-4-2003

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